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25700 7590 12/06/2005

FARJAMI & FARJAMI LLP
 26522 LA ALAMEDA AVENUE, SUITE 360
 MISSION VIEJO, CA 92691

02/24/2006 TBESHAHE 00000038 09910684

01 FC:1501 1400.00 DP
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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

LESLEY L. NING (Depositor's name)
 (Signature)
 Feb. 23, 2006 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/910,684	07/20/2001	Michael Y.T. Hwang	0190151	2529

TITLE OF INVENTION: MEMORY CONTROL APPARATUS AND EFFICIENT SEARCH PATTERN FOR BLOCK-MATCHING MOTION ESTIMATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/06/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
VO, TUNG T	2613	375-240120

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Farjami & Farjami LLP
 2
 3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

ESS Technology, Inc.

Fremont, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0731 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

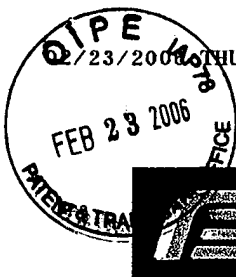
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 NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Farshad Farjami
 Typed or printed name

Date 2/23/06
 Registration No. 41,014

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FARJAMI & FARJAMI LLP
AN INTELLECTUAL PROPERTY LAW FIRM

www.farjami.com

26522 La Alameda Avenue, Suite 360
Mission Viejo, California 92691
tel: (949) 282-1000
fax: (949) 282-1002

FACSIMILE TRANSMISSION COVER SHEET

Date: February 23, 2006

To: United States Patent and Trademark Office
Examiner: Vo, Tung T.; Art Unit: 2613

Fax: (571) 273-2885

Re: **Application Serial No.: 09/910,684**
Filing Date: 7/20/2001; First-Named Inventor: Hwang, Michael Y.T.
Attorney Docket No.: 0190151

From: Farjami & Farjami LLP

Number of pages including the cover sheet: 6

Message:

Enclosed please find the following:

1. Issue Fee cover letter (2 pages)
2. Issue Fee Transmittal form (2 copies)
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Attorney Docket No.: 0190151

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hwang, et al

Group Art Unit: 2613

Application Serial No.: 09/910,684

Examiner: Vo, Tung T.

Filed: July 20, 2001

Notice of Allowance Date: December 6, 2005

Title: Memory Control Apparatus and
Efficient Search Pattern for
Block-Matching Motion
Estimation

**ISSUE FEE, PUBLICATION FEE AND
FEE FOR FIVE COPIES OF THE ISSUED PATENT**

Mail Stop ISSUE FEE
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P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed please find the completed "Issue Fee Transmittal" form and a Credit Card Payment Form PTO-2038 to be charged in the amount of \$1,715.00 to cover the issue fee, publication fee and fee for five (5) copies of the issued patent. The drawings filed on July 20, 2001 have been accepted as formal drawings by the Examiner.

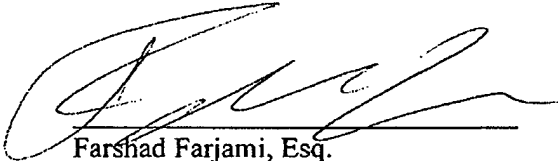
The Commissioner is hereby authorized to charge Deposit Account Number 50-0731 for any deficiency or credit any overpayment in the fees required for the filing of this Issue Fee Transmittal, for which purpose a duplicate copy of the Fee Transmittal is also included.

Attorney Docket No.: 0190151

An early issuance of the present application is respectfully requested.

Respectfully Submitted;
FARJAMI & FARJAMI LLP

Dated: 2/23/06


Farshad Farjami, Esq.
Reg. No. 41,014
FARJAMI & FARJAMI LLP
Attorneys for Applicant

Farshad Farjami, Esq.
FARJAMI & FARJAMI LLP
26522 La Alameda Avenue
Mission Viejo, California 92691
Telephone: (949) 282-1000
Facsimile: (949) 282-1002

CERTIFICATE OF MAILING OR TRANSMISSION

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Date: Feb. 23, 2006

Lesley L. Ning

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